

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5010] ARRL Sections
Message-ID: <199511011915.TAA04967@chuck.dallas.sgi.com>

Just in case some have forgotten the official abbreviations
for the 77 sections, here they are direct from the ARRL.
I personally would like to know how you find out which
counties (I assume that is the dividing line) belong to
which. Just wanna know.

File away, put on a plastic card, or . :-)

dit dit

-----cut here-----

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+-----< MULTIPLIER CHECK-OFF LIST >-----+
| 1    2    3    4    5    6    7    8    9    0    VE    |
| CT  ENY  DE   AL   AR   EB   AZ   MI   IL   CO   MAR   |
| EMA  NLI  EPA  GA   LA   LAX  EWA  OH   IN   IA   PQ   |
| ME   NNJ  MDC  KY   MS   ORG  ID   WV   WI   KS   ON   |
| NH   SNJ  WPA  NC   NM   SB   MT                   MN  MB  |
| RI   WNY                   NFL  NTX  SCV  NV                   MO  SK  |
| VT                   SC   OK   SDG  OR                   NE  AB  |
| WMA                   SFL  STX  SF   UT                   ND  BC  |
|                   TN   WTX  SJV  WWA                   SD   YU/NWT |
|                   VA                   SV   WY                   |
|                   PR                   PAC  AK                   |
|                   VI                   |
+-----+
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SIG

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Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: RobCap@aol.com
Subject: [5015] Cascade Dials
Message-ID: <951101160303_9949289@emout06.mail.aol.com>

Doug-

I've had a lot of interest in the Cascade dials, so I'm re-sending you the artwork. This time, it's printed on a Laser Printer, so it's a bit sharper.

Be advised that there are two versions of the artwork so be CAREFUL. When the builder has a fixed plate with a moving needle, the numbers ascend. When the builder has a fixed needle, and a moving dial, the numbers descend.

So both versions of the artwork are on their way. I hope they're in time for the next version of the Norcal Quarterly.

73,

Rob, WA3ULH

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: Chris McCormack <chrismc@eecs.umich.edu>
Subject: [5013] Code Practice Oscillator Wanted
Message-ID: <199511012006.PAA21625@dip.eecs.umich.edu>

I realize in the overall scheme of things, this is a very simple request. I am looking for a simple code practice oscillator circuit. I would like to have one to use with my kids, and for myself (I have to learn how to use that bug somehow - and on the air doesn't seem like a bright idea).

I'm looking for something simple, but decent. Personally, I have yet to hear a 555 based circuit for this I can stand. Since most radios like to use a clean 750 hertz (or so) sidetone, can I get that for my practice setup too?

Chris McCormack / n0oqt
c.mccormack@ieee.org

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5008] Congrats N6KR et.al.
Message-ID: <199511011726.RAA04683@chuck.dallas.sgi.com>

Congratulations are in order for N6KR, Wayne

Burdick and the NorCal gang that were in on the NorCal Sierra Project. The Sierra made the cover of the new 1996 ARRL Handbook and a section on it with schematics later in the book.

I got my copy on the way home yesterday and was brousing it while waiting for the goblins looking for treats.

Mike Bryce got his solar charging circuits in.

We lost the Cubic Incher outta the handbook, at least I didn't see it and it wasn't in the index. I thought it was in the 1995.

New keyer based on the 80C51 in the book.

Have you noticed? 1994 - \$25 1995 - \$30
1996 - \$38 Are we looking at \$49.95 for 1997?
Or two volumes?

I'm looking at the NEW "The NEW Shortwave Propagation Handbook" from CQ Communications. Scarey graphs. Some are predicting 1997 before we see a turnaround in the sunspots and one even for 2001!!! I hope not. It's not exactly a science predicting these things. There is some chaos involved.

FYI

dit dit

SIG

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: Jeff Gold <JMG@tntech.edu>
Subject: [5011] Green Mountain transceiver
Message-ID: <01HX4PQAUM76QT9U6E@tntech.edu>

Guys and Gals,

saw Doug H. mention something about NN1G's Green Mountain

transceiver.. what is it?

was there an edition of the Quarterly in recent times? don't remember seeing one.

73

Jeff, AC4HF

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: dgf@netcom.com (David Feldman)
Subject: [5020] Help me identify this Ten-Tec Power Mite
Message-ID: <199511020305.TAA12859@netcom21.netcom.com>

Have here a rig I think is a Ten-Tec PM-1. Front shows 80 40 15M, crystal position on the front, manual T/R, no special "PM-x" type lettering on the back. Externally just a few minor dings in the paint. Internally as clean as can be. Only catch is that inside there is only a _single large PC board_.

I have several PM3A's here (40 20M, separate modules) and a couple of PM2B's (80 40 20, single board). This is unlike the others.

Question - did the PM1 get built up out of separate modules (of the MR-1 series) or was the PM-1 made as a single board? I thought only the PM-2 series as single-board design covering 80 40 and 20M. What is this beastie?

73 Dave WB0GAZ dgf@netcom.com

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: PDouglas12@aol.com
Subject: [5005] Last 520, I hope!
Message-ID: <951101114040_95106123@emout04.mail.aol.com>

OK, OK, guys. The posting from Jim K4CGY has the ring of absolute truth and certainty. I did note that I said to read the manual, as memory dims. Nuff said. I hope the novices DO get help with the old tube rigs before poking in the innards, as they are not the same as the modern 12v safe-to-open-and-play rigs. Let's go back to the homebrew stuff.

72, Preston

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: km@PACT.ORG.PE (Kris Merschrod)
Subject: [5012] MUF PLOTTER
Message-ID: <m0tAiGk-000Au7C@rcp.net.pe>

Don (KC5EQC),

Roger Graves (VE7FPT at 3914 Olivia Pl. Vancouver, BC V8P4T2

Put out a couple of versions a "MUF PLOTTER" I've exchanged a few letters with him over the years, but the last version that I have and use is from SEP 92. That version is compiled, earlier versions were not and I fiddled with it to customize for my QTH.

At one time I was writing an overlay so that typical eating times and sleeping times would appear to add a cultural aspect to the probability of someone being at the other end. It occurred to me that we hams are not "typical." So I scratched that project :>{)
"That is not for Santa Claus yet -- that is what I look like when smiling!"

72
Kris
0A4DB0

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: Pete Rossi <wa3nna@resuba.com>
Subject: [5018] NEW CONTEST CATEGORY SUGGESTION
Message-ID: <199511020033.TAA07271@resuba.com>

To whom it may concern:

I have the following suggestion for a new contest entry category. This suggestion applies to all ARRL and CQ sponsored contests, however it is primarily intended for the DX contests and ARRL Sweepstakes.

Given that most smaller stations generally resort to the "search & pounce" method of contest operating, I propose that a new entry category be created specifically for this mode of operation.

Entry criteria for the new "Search & Pounce" (or S&P) entry category would be very simple:

1. Single operator (non-assisted) only.
2. You are not permitted to call CQ.

That's it. Simple.

To further clarify condition #2, it could also be worded:

- You are not permitted to solicit contacts, ie. you may only call other stations.
- If another station **does** call you, you may only work that one station on that frequency before returning to S&P mode.

All other contest rules and scoring would apply to the S&P category. There would also be sub-classes of the S&P category such as single band, all band, high power, low power, QRP, etc, as they presently apply to the each particular contest. All S&P entries would be identified as such in the score listings.

This entry category would give much more incentive to the smaller stations who feel that they do not have the station or expertise capable of generating long runs of contacts from CQs ie. "hold a frequency" for any length of time.

Now, the only trick is you don't want **everybody** to enter in this new category, but I don't think that would be a problem. I do believe however, that a large number of the smaller stations (limited antennas, QRP, etc) would choose this new entry category since they probably don't call CQ in the contests now anyway. At least now they would have a more meaningful way to compare their scores with others who are "in the same boat" and do not have the means or desire to call CQ all weekend in the contest.

Also, stations in rare countries/sections should be discouraged from entering in this category, but if someone is a rare multiplier, they would probably **want** to call CQ and therefore **not** want to enter in this category.

I also believe this change would be fairly simple to implement and have minimal impact on "regular" contest stations as all of the existing entry categories would remain unchanged.

I hope you will consider this suggestion. Possibly it is not too late to implement it for the 1996 contest season.

If necessary, please forward this suggestion to the proper person(s) or inform me of the correct person(s) I should send copies to.

I look forward to hearing from you.

Sincerely,

Peter J. Rossi - WA3NNA

wa3nna@resuba.com

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [5016] NM QRP Hamfest 11-18
Message-ID: <199511012128.0AA16481@zia.aoc.nrao.edu>

SOCORRO, NEW MEXICO HAMFEST >>>> SATURDAY, NOVEMBER 18, 1995
and Q R P F O R U M
=====

The next annual hamfest of the Socorro Amateur Radio Association will be on Saturday, November 18, 1995, held in conjunction with the annual "Festival of the Cranes." In addition to the normal hamfest stuff as swap tables, vendor displays, VE exams, etc., we are offering several activities for QRPers ...

** QRP FORUM will be provided to describe QRPing to newcomers; briefly explain how the basic QRP rig works at the circuit level; troubleshooting and testing. Learn how to use an oscilloscope and spectrum analyzer.

**QRP TEST BENCH. Paul, NA5N, will setup a test bench at the hamfest for QRPers. This will include a signal generator, o-scope, spectrum analyzer, etc. for checking out your rig. We'll measure the receiver sensitivity, check VFO and IF alignment and give you a hardcopy of your output power levels and spectral purity. If your QRP rig is a bit sick, we'll attempt basic repairs (time and parts permitting).

HOME BREW CONTEST is being offered in two categories: 1) totally homebrew equipment and 2) kits or heavily modified commercial. This is not specific to QRP, but for any communications related homebrew/kit project. Prizes are mini-keys and keyers for both categories (and others as may be collected). Let's show them other hams whose still building equipment!

FINALLY ... just a chance for QRPers to get together and shake hands. Let's discuss if there's sufficient interest in forming a Southwest QRP Club of sorts, sponsoring a QRP QSO Party, contest or two, etc.

So bring your QRP rig and see how well it REALLY works and get it tweaked up with some professional equipment. Also info from Wilderness Radio, new MFJ catalogs, etc.

Hamfest at the Socorro High School (new location).

For further information on the QRP activities or the hamfest in general, email: pharden@nrao.edu

or phone: 505-835-7157 days 505-835-3313 nites

72, Paul NA5N

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5006] Open and Play
Message-ID: <199511011653.QAA03307@chuck.dallas.sgi.com>

Gang,

Interesting thread on the working on HV tube type rigs.

I still have to be very careful around 12V HB stuff. We have a tendency to forget what a short with any voltage can do. I have fried a PC board trace or two by having an "extra" clip lead lying on the workbench and place a powered up rig on top of it where the PC board was out of the cabinet.

Remember ohms law - it's a good one and there are no police needed to inforce it. :-)

dit dit

SIG

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: Chris McCormack <chrismc@eecs.umich.edu>
Subject: [5003] Prisoners and Codes
Message-ID: <199511011531.KAA21022@dip.eecs.umich.edu>

Someone recently posted a message about prisoners of war and using Morse code for covert intra-prison communication. While Morse is nice (when you know it), in Viet Nam the typical message was passed using tap code. This is based on a 5x5 grid that can be taught (and remembered) almost instantly.

Letters are identified by their position, given as row/column (two taps, a pause, then three taps

A	B	C	D	E
F	G	H	I	J/K

would represent an H). For simplicity, K is replaced by C in most cases (K can be sent as 2-6 to allow exact spelling, if needed).

L	M	N	O	P
Q	R	S	T	U
V	W	X	Y	Z

Not as efficient, elegant, etc, as Morse code, but this method proved quite workable. POWs who used the code for years became very proficient in ways familiar to CW operators (high speed, boatloads of abbreviations and code phrases). I had a chance to hear a demonstration - the speaker 'sent' the message by rapping his knuckles on the podium while verbally telling us what was sent.

** ** * ** (GB - for God Bless, the standard Viet Nam POW sign-off)

Chris McCormack / n0oqt
c.mccormack@ieee.org

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: AlK0FRP@aol.com
Subject: [5017] subscribe
Message-ID: <951101181412_95438106@emout06.mail.aol.com>

Al Dawkins K0FRP

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: roy.gregson@usfamily.wa.com (Roy Gregson)
Subject: [5021] YOU LOST ME IN THE SYSTEM
Message-ID: <9511011900541804@usfamily.wa.com>

TO WHOMEVER.. I AM NOT ABLE TO GET ANY MESSAGES ALL OF A SUDDEN WAS WORKING, I GET THE COUNT OF MESSAGES ON LINE, BUT WILL NOT PRIORIT. I CAN GET OLD MESSAGES, I THINJK THE LAST WAS NUMBER 1665, AND TODAY MESSAGES UP TO 1803 ARE THERE , BUT I CANNOT READ THEM WHAT HAPPENED. MY SERVER SAYS ALL IS OK AT HIS END, HAS TO BE A PROBLEM AT YOUR END PLEASE HELP...IT'S HELL WITH OUT MY DAILY "QRP" FIX...THANKS ROY W6EMT

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: Phil Wheeler <pcw@netcom.com>
Subject: [5001] RE: Anybody receive anything from OHR yet?
Message-ID: <Pine.3.89.9511010609.A16371-0100000@netcom13>

Wow! YOur backlog of kits will exceed my own. I have a NorCAL 40A and and KC-1 to build "any day now". Fact is, I've been recuperating from

knee surgery (very nicely; walking after a week when the prognosis had been crutches for two weeks) -- and had planned things based on not being able to build for a while.

I have built and use the OHR-400 and it is nifty. NC-40A + KC-1 will be my backpacking rig (BUT --- bought my OHR-400 well before the group deal (one of the first 10, I believe). Dick puts together great kits, and so does Wilderness. We are lucky to have such entrepreneurs in our qrp midst!

Phil (pcw@netcom.com)

On Tue, 31 Oct 1995, Mike Robinson wrote:

```
>
> I've received part of my OHR order. The
> Explorer II is still AWOL, but eh WM-1
> and Sprint II came.
>
>
> =====
> 7.3 de Michael aa0ub | QRP:
> miker@cc.com Norcal #857 CQC #180 | "UR HB 5W FB 72"
> =====
>
>
```

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: [5019] Re: Cascade Dials
Message-ID: <9511020113.AA15273@deneb.csustan.edu>

Rob, I will print the artwork along with a suggested front panel design in the March issue. I have already sent the copy to the printer on the Dec. issue. Have you sent the material to Bob Wicks? He is supposed to come up with a silkscreen for the front and back panels. 72, Doug

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: Stan Skelton <sskelton@cln.etc.bc.ca>
Subject: [5014] Re: Code Practice Oscillator Wanted
Message-ID: <Pine.3.89.9511011213.A28652-0100000@sparky>

Chris...why don't you research the SuperKeyer III...I built one and it's the best "code practice oscillator" I've ever seen , not to mention the best full featured keyer I have ever worked!

73's StanVE7SKT

On Wed, 1 Nov 1995, Chris McCormack wrote:

> I realize in the overall scheme of things, this is a very simple
> request. I am looking for a simple code practice oscillator circuit.
> I would like to have one to use with my kids, and for myself (I have
> to learn how to use that bug somehow - and on the air doesn't seem
> like a bright idea).
>
> I'm looking for something simple, but decent. Personally, I have
> yet to hear a 555 based circuit for this I can stand. Since most
> radios like to use a clean 750 hertz (or so) sidetone, can I get that
> for my practice setup too?
> Chris McCormack / n0oqt
> c.mccormack@ieee.org
>
>
>

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: cebik@UTKVX.UTCC.UTK.EDU
Subject: [5022] Re: Code Practice Oscillator Wanted
Message-ID: <Pine.PMDF.3.91.951102065041.543388718E-100000@utkvx.utk.edu>

Any square-wave generator, like the 555 can be cleaned up with a passive network and an audio amp like the 386. The network on the output could be a simple low-pass filter. The result might look more like a triangle than a pure sine wave, but I (for one) do not want the output too clean. A sine wave can be very piercing and uncomfortable, while a square is too messy. Hence a "dirty" sine or a triangle is often the most comfortable. I am away from the books, so no values, but experimenting is the name of the game. When happy, quit until you are unhappy again.

-73-
LB, W4RNL

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: Phil Wheeler <pcw@netcom.com>
Subject: [5000] Re: Long Wire Tuner

Message-ID: <Pine.3.89.9511010645.A16371-0100000@netcom13>

Mike, your msg to me looks empty (unless it is all unprintable characters) <grin>! What the heck -- it WAS sent on Halloween!

Phil (pcw@netcom.com)

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
Subject: [5004] Re: November CW SweepStakes (SS)
Message-ID: <199511011638.LAA16706@dartvax.dartmouth.edu>

<On wed. nov,1 Chuck wrote>>

>Gang,
>

>

>I'd like to see you try to make at least 100 contacts.
>Two reasons for this. 1. It'll be a goal for you to
>obtain under rather unusual conditions and you'll
>increase your code speed. 2. If we get a lot of
>people doing QRP (Q Precedence) and we all send in
>a log then the ARRL will take notice.
>--

>Chuck Adams (K5FO CP-60) adams@sgi.com
>Box 181150, Dallas, TX 75218-8150

Hello Chuck and the Gang,

Thanks for your thoughtful post about SS Chuck.

I am not much of a tester. The only log that I have ever sent in is to the N.E. QRP Club for QRP Afield. But I do contest all the time to gain some CW skill. I have no talent for CW, I "Earned" my extra class license. Some folks can get to 35 wpm. in a few months, then there are the rest of us.

I use contests as a great opportunity to improve and have fun at the same time. When a fellow worker noticed me listening to my C.A.T. morse code pocket practice device, he asked why I was still doing that since I already had my extra? I want to be the best that I can be, that's why. I enjoy code but I still miss a lot of it as it comes by. I'm at a point now where I can copy some words in my head but not everything, so, I practice. I want to be fluent in the language.

As Leonard Bernstein said when he was asked on the streets of New York, "How do you get to Carnigie Hall?" , He replied, "Practice, Practice, Practice!"

[illegible]

Ernie Gregoire
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@VALLEY.NET
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From qrp-l@lehigh.edu Thu Nov 2 09:41:49 1995
From: David S Garnier <garnierd@csd.uwm.edu>
Subject: [5009] Re: QRP-L digest 166
Message-ID: <199511011752.LAA09690@alpha1.csd.uwm.edu>

Hi

Does anybody know is NN1G is on this list or better yet Dave's email address?

tnx

dave garnier

Dave Garnier	Half of the time we're gone but we don't
University Wisc-Milwaukee	know where, and we don't know where.
h 414-429-3536	- Simon & Garfunkel -
w 647-4286	
cf 587-3135	I wish someone would have told me that
ars wb9own 44.92.1.8	once you start, there's no turning back.
icbm 43.2 x 87.54	

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: Phil Wheeler <pcw@netcom.com>
Subject: [5002] Re: TS520 neutralization
Message-ID: <Pine.3.89.9511010729.A16371-0100000@netcom13>

WOW...sure a lot of TS-520 alumni in the woodwork! It was a great rig.

Phil (pcw@netcom.com)
aka W6TUH

From qrp-1@lehigh.edu Thu Nov 2 09:41:49 1995
From: Gene Marshall <genem@hpswtgm.cup.hp.com>
Subject: [5007] Re: Using the KC1's HK (handkey) input
Message-ID: <9511011656.AA06468@hpswtgm.cup.hp.com>

> (If you aren't using the KC1's sidetone, then there's no reason to use
> the HK input.)

So, a straight key **cannot** be used to communicate with the KC1?

Then, since the NorCal 40A generates a sidetone of its own and you don't
need the KC1's sidetone, there is no reason to go through this
procedure, right?

>If you want to use the existing key jack (J3 on the '40A) as the HK input
>jack, you must CUT the line from the '40A keyline to the jack, then connect
>HK to the jack instead.

72,
Gene

--

```
+-----+
|Gene Marshall          \- \- \          email: genem@cup.hp.com |
|Hewlett Packard Co., MS 42UN      |          aa6iy@ix.netcom.com |
|Software Technology Center (STC)   |  ___o          Tel: 408/447-5282 |
|11000 Wolfe Road           L^ \<._          Fax: 408/447-5039 |
|Cupertino, CA 95014        ( )/ ( )          AA6IY@N6LDL.CA.USA.N/A |
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